2001071175 QUE (05/15/15/2000/400000058-2 HANDLARPROVED For Pole TALENT-KEYHOLE CONTROL SYSTEM ONLY DECLASS REVIEW BY NIMA / DOD

> TCS 7742/64 M/EB 417/64 13 August 1964 Copy

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MEMORANDUM FOR: Chief, Forces Division, ORR

25X1A ATTENTION:

THROUGH:

Chief, Requirements Branch, Reconnaissance Group, CGS

FROM:

Chief, CIA/PID (NPIC)

SUBJECT:

SAM Deployment Program, China

REFERENCES:

Requirement C-RR-4-81,609

PID Project C 1204-64

1. This memorandum is in response to your requirement dated 17 July 1964 which requests information on the Chinese SAM Deployment Program, to include:

- a. Negation date of each site, and date that the site first appeared.
- b. Degree of completion, presence of equipment, construction change or activity noted on each photographic coverage.
 - c. Site configuration and number of launch positions.
- d. Local support areas or support activities noted on each coverage.
- 2. At approximately the same time as this study was begun, three previously reported sites were deleted from the listings and, therefore, have not been included in the study. These sites were referred to as:

Shih-chia-chung SAM Site A32-2 38-05-00N 114-25-00E

25X1A

Ian-Chou BAM Site Bl2-2 35-54-15N 104-04-00E

25X1A

Lan-Chou BAM Site 35-56N 104-13E

HANDLE VIA

HANTED TOPE OF Release 2001/07/12 : CIA-RDP78T05439A000400060058-2
LTALENT-KEYHOLE
CONTROL SYSTEM ONLY

SUBJECT: Chief, Forces Division, ORR

TCB 7742/64 M/EB 417/64

3. Information on the 14 remaining sites in China has been presented in chart form, listing specific items of information as seen on succeeding dates of photographic coverage. The choice of specific items which appear in the chart was made jointly by presented here is current through KEYHOLE

4. The SAM sites are listed in WAC number order.

25X1A

25X1A

25X1D

5. The photo analyst on this project is who may be contacted on extension 2079 should you have any further questions concerning this project.

6. This project is considered to be complete.

25X1A

Enclosures:

1 - Table Showing Chinese SAM
Deployment Program

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Attachment 1. TCS 7742/64 M/EB 417/64

Tzu Missile Test Center

TABLE SHOWING CHINESE SAM DEPLOYMENT PROGRAM

25X1A 25X1C 25X1D

		25X1C 25X1D	• ,				en silvegio	
			SIGNL	FICANT FEATURE	S			
on.	State of Construction	No. of Launch Positions	No. of Launch Positions Occupied	Guidance	Equipment in Central uidance Area	Other Equipment	Support .	Comments
	Unimproved, no revetments	6	None	Present, not revetted	None .	Cannot be determined	A large barracks area is located approximately .5 nm SW of the site.	comments
	No apparent change	No apparent change	Cannot be determined	No apparent change	Cannot be determined	Cannot be determined	No apparent change	
		Harajatan K						Site identification only
				:	•			Obliquity precludes . interpretation.
	No apparent change	*Cannot be determined	Cannot be determined	No apparent change	Probable structure/ equipment	Cannot be determined	No apparent change	<u>-</u>
		•	A second		present			Site identification only
	No apparent change	No apparent change	to the second	No apparent change	Probably none	Cannot be determined	No apparent change	Site identification only

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Attachment 1. TCS 7742/64 M/EB 417/64

Site: Shuang Cheng Tou Missile Test Conter SAM Site CO2-2 (c.:im.s) Coordinates:

TABLE SHOWING CHINESE SAM DEPLOYMENT PROGRAM

BE Number:

Negation Date:

Date First Observed: SIGNIFICANT FEATURES No. of Launch Positions Equipment in Central No. of Launch Other Support Central Guidance State of Construction Guidance Area Equipment Area Comments Occupied Area Configuration & Date Sight is barely visible and has not been cleared of snow. Probably none No apparent change Probably none No apparent Probably none Present, Unimproved, no revetments No apparent change not change revetted No apparent change 25X1D 25X1D

ABBURGER FOR THE STREET OF A PROPERTY OF A SHARED P

TABLE SHOWING CHINESE SAM DEPLOYMENT PROGRAM

Site: Shuang Cheng Tzu Missile Test Center
SAM R & D Sites
Coordinates: 41-04-08N 100-30-00E

BE Number: 0287-

Nega

Date Miss & Da

į.			•					
Date: Cannot be	negated	•						
Observed	7	25X1D			-2-19-19	42		
, objectived	_			ICANT FEATU				
Configuration	State of Construction	No. of Launch Positions	No. of Launch Positions Occupied	Central Guidance Area	Equipment in Central Guidance Area	Other Equipment	Support Area	Comments
Both are fan								Site identification
configurations								
and the two tak	en '		.i		•	•		
together are							•	-
mirror images.		•						
					•			Site identification
∜	*							
		· .						Site identification
· •		*						
		•			•			
	Probably	6 at each	Probably none	Present,	Probable	Cannot be	The SCTMTC SAM	
4	complete	site		not *	structure present in	determined	housing & support area, including	
47	1			at either	-		SAM Instrumenta-	
IF		•		site	northern site,		tion Control	
· 1/2					and an U/I item,	•	Center, is located	•
				9	possibly equip-		approx. 1.5 nm west	
		•					or the raunch sites.	
					at south site.			
					2.0			:
					ment is present at south site.		of the launch sites.	

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Site: Shuang Cheng Tzu Missile Test Center SAM E.& D Sites (continued) Coordinates:

TABLE SHOWING CHINESE SAM DEPLOYMENT PROGRAM

BE Number:

Negation Date:

Date First	Observed:				and the section of	-510°10'.		•	
25X1C Mission	25X1D	State of Construction	No. of Launch Positions	No. of Launch Positions Occupied	Guidance	Equipment in Central Guidance Area	Other Equipment	Support Area	Comments
& Date	No apparent change	Appears com- plete although nothing is re- vetted with exception of one launch position on northern site.	No apparent change	6 at the north site, none at the south site	At each site, central guid- ance consists of a concrete hardstand. At northern, a permanent structure is located on hardstand.	present at northern site; none present at	t equip. are	No apparent change	
	No apparent change	No apparent change	No apparent change	None at either site	No apparent change	None at either site	None at .either site	No apparent change	
	No apparent change		-No apparent change	Probably none	No apparent change	Probably none	Probably none	No apparent change	
	No apparent change	No apparent change	No apparent change	Probably none .	No apparent change	Probably none	Probably none	No apparent change	
	· •	. " •	•						Obliquity precludes interpretation.
	No apparent change	No apparent change	No apparent change	Probably none	No apparent change		Probably none	No apparent change	
	No apparent change	No apparent change	No apparent change	Probably none	No apparent change		Probably none	No apparent change	13748
	+ 52								101401

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Attachment 1. TCS, 7742/64 M/EB 417/64

Site: Shuang Chorg Tzu Missile Test Center SAM R & D (continued)
Coordinates:

TABLE SHOWING CHINESE SAM DEPLOYMENT PROGRAM

BE Number:

Negation	Date:										
Doto Etm	st Observed:					- All Marie					
Date FII.	o observed.				ICANT FEATUR						
25X1D Mission & Date	Configuration	State of Construction	No. of Launch Positions	No. of Launch Positions Occupied	Central Guidance Area	Equipment in Central Guidance Area	Other Equipment	Support Area	<u> </u>	Comments	
	(continued)	could be a trench. It seems to be associated w/ the newly re- vetted launch position.	. 1		•						
	No apparent change	No apparent change	No apparent change	Cannot be determined	No apparer change	ment present in south site, can not be determin in north site.	vehicles in - hold revet-	1	Heavy co	cloud shadow	overed.
	No apparent change	ito apparent _ change	No apparent change	Cannot be determined	No appare	nt U/I equipment in center of each site	Probable vehicles in south hold revetment.	No apparent change			
	No apparent change	No apparent change	No apparent change	Cannot be determined	No appare change	nt Probable equip- ment present in center of each site.	vehicles	No apparent change		7.0, 1022-07-2	3

Attachment 1. TCS 7742/64 M/EB 417/64

Site: Shuang Cheng Tzu Missile Test Center SAM R & D (continued)

TABLE SHOWING CHINESE SAM DEPLOYMENT PROGRAM

Coordinates:

BE Number:

Negation Date:

Date	First	Observed:
DULUC	1,1100	CORETAGE:

Date Fire	t Observed:								
25X1D				SIGNIFI	CANT FEATURE	S		· · · · · · · · · · · · · · · · · · ·	
Mission & Date	Configuration	State of Construction	No. of Launch Positions	No. of Launch Positions Occupied	Central Guidance	Equipment in Central	Other Equipment	Support Area	Comments
	!							74.04	Commence
	continued)	could be a trench. It		٠.	•				
	¥ t	seems to be associated w/ the newly re-	•					•	
	,	vetted launch position.							
	No apparent change	No apparent change	No apparent change	Cannot be determined	No apparent change	Probably equip- ment present in south site, can not be determin in north site.	vehicles in hold revet-	1 · · · · · · · · · · · · · · · · · · ·	Heavy cloud shadow covere both sites.
	No apparent change	No apparent _ change	No apparent change	Cannot be determined	No apparent change	U/I equipment in center of each site	Probable vehicles in south hold revetment.	No apparent change	
	No apparent change	No apparent change	No apparent change	Cannot be determined	No apparent	ment present in	véhicles	No apparent change	
	1. A.	•				center of each site.	in south hold revet- ment.		1 (4) 1 (4) (4) (4) (4) (4) (4) (4) (4) (4) (4)

Attachment 1. TCS 7742/64 M/EB 417/64 1374

Site appears to be unoccupied.

Site: Peiping SAM Site B35-2

TABLE SHOWING CHINESE SAM DEPLOYMENT PROGRAM

Coordinates: 40-09-02N 116-18-25E

BE Number:

25X1A

logation Datas donnet We negeted

No apparent change

ion Da	te: Cannot b	e negated		•		•			
First	Observed	25	5X1D					• .	
C 25>				SIGNIF	ICANT FEATURES			·	
on	Configuration	State of Construction	No. of Launch Positions	No. of Launch Positions Occupied	Guidance Co	pment in ntral nce Area	Other Equipment	Support Area	Comments
1:	ink /	Probably complete, however, Central Guidance Area is not revetted.	6, all revetted	Probably none	Not Probe rewetted	ably none	Probably none	SAM site has no support area of its own, however, the site is located at an airfield.	
				je Je					Site identification
	apparent	No apparent change	No apparent change	Probably none	No apparent Prol change	bably none	Probably none	No apparent change	B
	apparent	No apparent change	No apparent change	Probably none	No apparent Prol change	bably none	Probably none	No apparent change	
		•		•					Site identification
	. • . •	, *	p						
	apparent nange	No apparent change	No apparent change	Possibly one launch position occupied	No apparent Prolechange	bably none	Probably none	No apparent change	
	al	•		(2) }	Market State Market State Sta				Site identification
مهن. ا	•••					ne n		o de la companya dela companya dela companya dela companya de la c	Site identification

No apparent Approved For Release 2001/07/12 CIA-RD 757579A00040060038-2 Probably none change No apparent change

Approved For Release 2001/07/12; CIA-RDP78T05439A000400060058-2
TOP SECRET CHESS RUFF | UTILITY | UTILITY

Site: Peiping StM Site B35-2

Coordinates: 40-09-02N 116-18-25E

25Y1A

er:	25	5X1A	• ,					
n Date: Cannot be		5X1D			= 24	·		
rst Observed			SIGNIFI	CANT FEATUR	ES			
5X1C 5X1D Configuration	State of Construction	No. of Launch Positions	No. of Launch Positions Occupied	Central Guidance	Equipment in Central Guidance Area	Other Equipment	Support Area	Comments
link ;	Probably complete however, Central Guidance Area is not revetted.	, 6, all revetted	Probably none	Not revetted	Probably none	Probably none	SAM site has no support area of its own, however, the site is located at an airfield.	
								Site identification o
No apparent change	No apparent change	No apparent change	Probably none	change	t Probably none	. Probably none	change	
No apparent change	No apparent	No apparent) change	Probably none	No apparen	t Probably none	Probably none	No apparent change	***************************************
						•	*	Site identification of
No apparent	No apparent change	No apparent change	Possibly one launch position	No apparer change	nt Probably none	Probably none	No apparent change	
			occupied					Site identification or
>>° **!							· Principal	Site identification of
No apparent change	No apparent	No apparent change	Probably none	change	nt Probably none	Probably none	No apparent change	Site appears to be unoccupied.

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Cannot be No apparent change

+2011 Site: Peiping SAM Site Bl2-2

No apparent

change

No apparent

change

TABLE SHOWING CHINESE SAM DEPLOYMENT PROGRAM

Coordinates: 39-47-58N 116-41-55E

BE Number:

25X1A

Negation	Date: Cannot	e negated							÷i:
Date Firs	t Observed	b	25X1D						
25X1C 25X1D Mission & Date	Configuration	State of Construction	No. of Launch Positions	No. of Launch Positions Occupied	CENT FEATURI Central Guidance Area (Equipment in Central Guidance Area	Other Equipment	Support Area	Comments
	,			Si.			7		Site identification only. Site identification only.
		i i		i. V	•				Site identification only.
	Probable link	Cannot be , determined	6	Probably none	Present, not revetted	Probably none	Probably none	Site is located at an airfield	
	No apparent change	Probably complete	6 all appear revetted	At least 5 launch positions appear occupied		Probably none	Probably none	No apparent change	
	No apparent change	No apparent change	No apparent change	At least 2 positions are probably cocupied	A structure is present in center of site	Cannot be determined	Cannot be determined	No apparent change	Site identification only.
				يو.				e e e e e e e e e e e e e e e e e e e	Site identification only.

occupied
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No apparent No apparent change change

5 positions probably.

No apparent

change

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Site identification o

Site identification of

. Alter Site: Peiping SAM Site B19-2

TABLE SHOWING CHINESE SAM DEPLOYMENT PROGRAM

Coordinates: 39-39-20N 116-23-30E

BE Number:

25X1A

ion Dat	e: Cannot be	e negated				•		•	
First O	bserved		25X1D					•	
1 <u>C</u> .	ď.			SIGNIF	ICANT FEATUR	RES	उ		
on	onfiguration	State of Construction	No. of Launch Positions	No. of Launch Positions Occupied	Central Guidance Area	Equipment in Central Guidance Area	Other Equipment	Support ?	• Comments
		••							Site identification o
4	1								Site identification o
	₩ 3 9			·					Site identification o
	star	Cannot be determined	6	Cannot be determined	Present status cannot be determined	Cannot be determined	Cannot be determined	Several structures are evident in the immedi- ate site area	*
No ch	apparent ange	Roads are now apparent which will	6, all revetted	Probably none	Guidance area not revetted	Probably none	Probably none	No apparent cha	nge
		serve the missile hold positions.							Site identification o
_		and the second s			.5				

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Attachment 1. TCS 7742/64 M/EB 417/64

Site: Peiping SAM Site B26-2

TABLE SHOWING CHINESE SAM DEPLOYMENT PROGRAM

Coordinates: 39-51-30N 116-09-00E.

BE Number:

visible.

25X1A

Negation Date: Cannot be negated

Date First Observed	25	X1D		#			• .	
			SIGNI	FICANT FEATUR	RES			· · · · · · · · · · · · · · · · · · ·
25X1D Mission & Configuration	State of Construction	No. of Launch Positions	No. of Launch Positions Occupied	Central Guidance	Equipment in Central Cuidance Area	Other Equipment	Support Area	• Comments
Cannot be determined	Cannot be determined	At least 2 launch posi- tions visible	Cannot be determined		Cannot be determined	Cannot be determined	Site is situated near a large mili- tary compound, however, several small structures are present near site.	7.
, No service roads, and thus no configuration is visible	Cannot be determined	6, all revetted	None	No pre- pared area is present in the center of this site.	• • • • • • • • • • • • • • • • • • •	Probably none	No apparent change	Missile hold positions ar visible; site appears completely unoccupied.
No apparent change	Apparently complete, although no central guidance area is present and no service	No apparent change	Probably none	No apparent change	t None	Probably none	No apparent change	

Attachment 1. TCS 7742/64 M/EB 417/64

Site: Peiping B26-2 (continued)

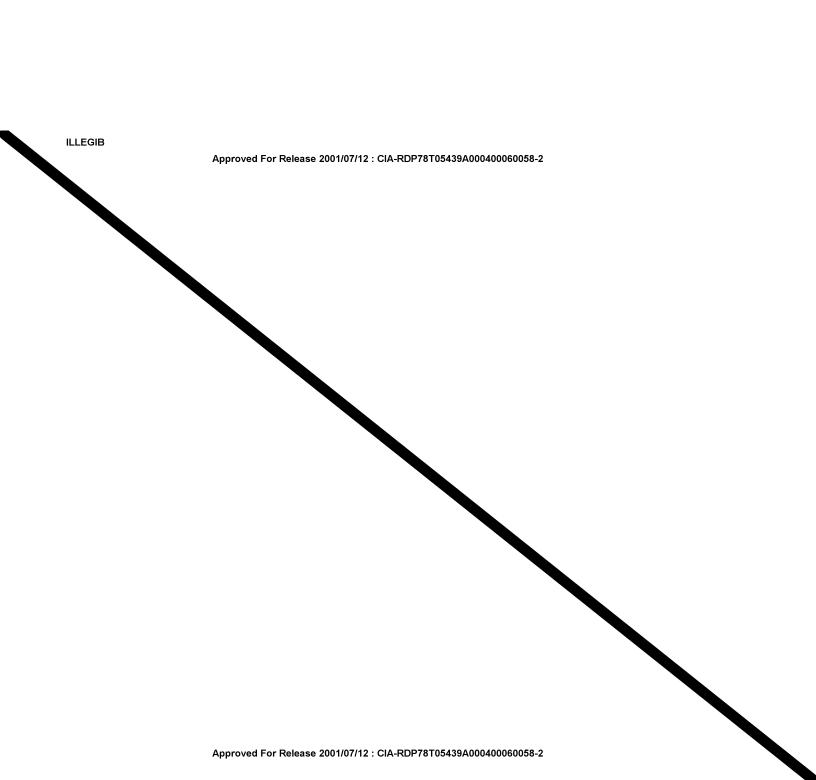
TABLE SHOWING CHINESE SAM DEPLOYMENT PROGRAM

Coordinates:

BE Number:

Negation Date:

25X1C	Δ	,		SIGNI	FICANT FEATURE	S				
25X1D [†] ission	Configuration	State of Construction	No. of Launch Positions	No. of Launch Positions Occupied	Guidance	Equipment in Central Guidance Area	Other Equipment	Support Area	.;* 	• Comments
	No apparent	No apparent change	No apparent change	Probably none	No apparent change	None .	None	No apparent change	Site	is unoccupied.
	No apparent change	No apparent change	No apparent change	Probably none	No apparent change	Cannot be determined	Cannot be determined	No apparent change	Site	is probably unoccu
	No apparent change	Mo apparent change	No apparent change	None	No apparent change	None	None	No apparent change	Site	is unoccupied.
1	•	•						•	Site	identification onl



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Site: Te Chou SAM Site A30-2

TABLE SHOWING CHINESE SAM DEPLOYMENT PROGRAM

Coordinates: 37-30-20N 116-07-35E

BE Number:

25X1A

25X1D

Negation Date:

25X1D

No. of

Launch

Positions

5

5

ate	First	Observed
25X	1C	

Date Fir 25X1C 25X1D Mission State of & Date Configuration Construction Circular, undetermined Unimproved No apparent change No apparent change

SIGNI	FICANT FEATU	RES			
No. of Launch Positions Occupied	Central Guidance Area	Equipment in Central Guidance Area	Other Equipment	Support Area	
Cannot be determined	Present, not revetted	Equipment possibly	Cannot be determined	Site is located at an airfield	
Cannot be determined	No apparer change	nt Probably none	Probably none	No apparent change	

Site identification only.

Comments

Site identification only.

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Site: Chung Wei SAM Site CO2-2

TABLE SHOWING CHINESE SAM DEPLOYMENT PROGRAM

Coordinates: 37-54N 105-17E

BE Number:

25X1A

Negation D	Date: Cannot be	negated		•					
Date First	Observed	25	X1D	•				•	4 J. S.
25X1C, 25X1D Mission & Date	Configuration	State of Construction	No. of Launch Positions	SIGN No. of Launch Positions Occupied	IFICANT FEATUR Central Guidance Area	ES Equipment in Central Guidance Area	Other Equipment	Support Area	Comments
	6		•		•	• •			Site identification only. Site identification only.
	Undetermined	Unimproved	6, none revetted	Cannot be determined o	Present, probably not revetted	Cannot be determined	Cannot be determined	Possible support area to south of	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
	er e e e e		•		en e		•00 0 0 0	site	Site identification only.
	See .		•			· · · · · · · · · · · · · · · · · · ·			

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Site: Hsi-an SAM Site

TABLE SHOWING CHINESE SAM DEPLOYMENT PROGRAM

Coordinates: 34-40-40N 108-59-50E

BE Number:

25X1A

Negation Date: Cannot be negated

Date First	t Observed	25>	X1D	•				
25X1C 25X1D Mission & Date	Configuration	State of Construction	No. of Launch Positions	No. of Launch Positions Occupied	Central Equipment Guidance Central Area Guidance	Other	Support Area	• Comments
	Undetermined	Undetermined	3, all revetted	3	Present, Probable 1 SONG preservetted, Leshaped structure present	FAN 3 vans &	Site is located adjacent to malitary compound	One missile was probably being offloaded onto launc at time of photograph. A revetment completely surrounds this site. Site identification only.
	Undetermined ¢	3 additional launch positions are being added	6, 3 u/c	Cannot be determined	No apparent Cannot be change determine		No apparent change	Revetment has been extende and still completely surrounds site.
	Cannot be determined	Cannot be determined	Cannot be determined	Cannot be determined	L-shaped Cannot be structure determine is visible		No apparent change	
	Undetermined	Cannot be determined	6, all probably revetted	Possibly 2 positions occupied	L-shaped Cannot be structure determine present		No apparent change	

Attachment 1. TCS 7742/64 M/EB 417/64

Ite: Hsi-an SAM Site C25-2

TABLE SHOWING CHINESE SAM DEPLOYMENT PROGRAM

oordinates: 34-08-32N 108-34-55E

25X1A

25X1D

25X1D

E Number:

egation Date:

te	First	Observed
25	X1Ç	

SIGNIFICANT FEATURES No. of Launch Central Equipment in - No. of 25X1D ission Launch Guidance Central Other Support Positions State of Comments Equipment Area Construction Positions Occupied Area Guidance Area Date Configuration Five or six u/i objects are Site is Present, None See 4, none None Undetermined, Unimproved located near one launch located at a comments not revetted circular position . military revetted compound. Site outline is virtually non-existent. Site appears See comments to have been abandoned for a considerable time.

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Site: Hsi-an SAM Site B32-2

TABLE SHOWING CHINESE SAM DEPLOYMENT PROGRAM

Coordinates: 34-27-20N 108-46-20E

BE Number:

Negation

Date First 25X1C 25X1D Mission & Date

Date:	25X1D
st Observed:	25X1D
and the state of t	

25X1A

et Observed:								
			. SIGNI	FICANT FEATUR	YES			
Configuration	State of Construction	No. of Launch Positions	No. of Launch Positions Occupied	Central Guidance Area	Equipment in Central Guidance Area	Other Equipment	Support Area	Comments
Probable link	Undetermined	6	At least 4	Present, not revetted	Several probable vans	Probably none	Small probable support area associated wit site	
Cannot be determined	Cannot be determined	Cannot be determined	Cannot be determined	Cannot be determined	Cannot be determined	Cannot be determined	Cannot be determined	Site outline is barely visible on good quality photography. Site appears to be abandoned.

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Site: Feng Hsiang SAM Site AlO-2

TABLE SHOWING CHINESE SAM DEPLOYMENT PROGRAM

Coordinates: 34-31-30N 107-28-40E

BE Number:

Negation Date:

25X1A 25X1D 25X1D

ALE FIFE	Observed	· - 1	SIGNIFICANT FEATURES					<u></u>	
25X1C. 25X1D fission Date	Configuration	State of Construction	No. of Launch Positions	No. of Launch Positions Occupied	Central Guidance Area	Equipment in Central Guidance Area	Other Equipment	Support Area	• Comments
	link	Unimproved	4	2 positions probably occupied	Present, not revetted	U/I equipment present	Cannot be determined	Several structures, possibly tents are situated near the site.	Several probable vehicles can be seen in vicinity of support area.